



WHEAT STATISTICS
AUSTRALIA
1978-79

CATALOGUE NO. 7307.9

AUSTRALIAN BUREAU OF STATISTICS Canberra

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1978-79

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Australian Statistician

Catalogue No. 7307.0

AUSTRALIAN BUREAU OF STATISTICS

INQUIRIES

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WHEAT STATISTICS, AUSTRALIA 1978-79

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EXPLANATORY NOTES

Introduction

This publication contains statistics for the year 1978-79 together with comparative statistics for earlier years. Most of the data are derived from the annual Agricultural Census conducted at 31 March. First estimates of the area and production of wheat for grain for the year ended 31 March 1980 are now available, based on a proportion of information obtained from the Census, and are shown below.

WHEAT FOR GRAIN

	Area sown (⁰⁰⁰ ha)	Production (⁰⁰⁰ tonnes)
N.S.W.	3,260	5,928
Vic	1,431	3,113
Qld	748	887
S.A.	1,422	2,351
W.A.	4,124	3,741
Tas.	3	6
Aust. (a)	10,989	16,026

(a) Includes estimates for the Northern Territory and the Australian Capital Territory.

2. The annual Agricultural Census, conducted at 31 March, collects commodity data from establishments with agricultural activity throughout Australia. In the past four years the ABS has been gradually excluding from the statistics establishments whose contribution to agricultural production is small. While this has reduced the number of establishments appearing in publications the effect on statistics of production of major commodities is minimal. Statistics of minor commodities normally associated with smaller scale operations may be affected to a greater extent.

3. From 1976-77 establishments have been included in the statistics where the legal entities operating those establishments have an Estimated Value of Agricultural Operations (EVAO) of \$1,500 or more. Details of the method used in the calculation of EVAO are contained in the publication *Agricultural Sector, Structure of Operating Units* (7102.0).

4. For 1975-76 the EVAO criterion was the same as for 1976-77 to 1978-79, but establishments with areas of 10 hectares or more were also included even if EVAO was less than \$1,500. Prior to 1975-76 all establishments with areas of 1 hectare or more were included. In addition establishments of less than 1 hectare tended to be included where significant agricultural activity was undertaken e.g. commercial market gardens and nurseries.

5. In the compilation of this publication, use has been made of statistical and other data supplied by the Australian Wheat Board and the Commonwealth Department of Primary Industry.

6. Particulars of area, production and yield per hectare of wheat in Australia refer to wheat sown from April to September and harvested from October to February following, e.g. the 1978-79 season production relates to the harvesting period October 1978 to February 1979. Tables relating to manufacturing activity and exports of wheat and flour refer to the year ended 30 June. The periods covered in other tables are indicated.

7. A summary table showing establishments with agricultural activity in Australia classified by area of wheat for grain at 31 March 1976 to 1978 appears in Section VII.

Related publications

8. Users may also wish to refer to the following major publications which are available on request:

Agricultural Land Use, Improvements and Labour, Australia, 1978-79 (7103.0)

Agricultural Sector, Financial Statistics, 1977-78 (7507.0)

Agricultural Sector, Structure of Operating Units, 1977-78 (7102.0)

Crop Statistics, Australia, 1978-79 (7302.0)

Overseas Trade, Australia, Part 1 : Exports and Imports, 1977-78 (5409.0) (\$16.50)

Overseas Trade, Australia, Part 2 : Comparative and Summary Tables, 1977-78 (5410.0) (\$4.80)

Production Bulletin No. 3 : Food, Drink and Tobacco, Australia (8359.0) — issued monthly

Value of Agricultural Commodities Produced, Australia, 1977-78 (7503.0)

9. Current publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

n.p. not available for separate publication
(but included in totals where applicable)

n.y.a. not yet available

p preliminary, figure or series subject to revision
— nil or rounded to zero

10. Where figures have been rounded discrepancies may occur between sums of the component items and totals.

I. SUMMARY OF WHEAT STATISTICS

TABLE 1. AREA, PRODUCTION AND YIELD OF WHEAT FOR ALL PURPOSES, AUSTRALIA

Purpose	Year ended 31 March					
	1974	1975	1976	1977	1978	1979
Area ('000 hectares) -						
Grain	8,948	8,308	8,555	8,956	9,955	10,249
Hay	66	47	47	59	68	50
Green feed	51	52	32	39	54	22
Total	9,065	8,407	8,634	9,054	10,078	10,321
Production ('000 tonnes) -						
Grain	11,987	11,357	11,982	11,800	9,370	18,090
Hay	191	136	138	159	146	149
Yield (tonnes per hectare) -						
Grain	1.34	1.37	1.40	1.32	0.94	1.77
Hay	2.89	2.87	2.97	2.70	2.13	2.96

TABLE 2. PRODUCTION, DISPOSAL AND STOCKS OF WHEAT, AUSTRALIA
('000 tonnes)

	Year ended 30 November					
	1974	1975	1976	1977	1978	1979
Production (a)	11,987	11,357	11,982	11,800	9,370	18,090
Less balance held on farms for -						
Seed usage (a)	505	512	535	598	610	595
Feed and other uses (a)	282	139	189	270	218	39
Gross receipts (b)	11,200	10,705	11,258	10,932	8,542	17,456
Opening stocks (b)(c)(d)	478	1,882	1,658	2,665	2,137	816
Total availability for sale	11,678	12,587	12,916	13,597	10,679	18,272
Export shipments -						
Wheat (b)	7,124	8,254	7,962	9,502	7,918	11,478
Flour and wheat products (b)(d)	294	296	271	261	180	167
Domestic sales -						
Flour (b)(d)	1,362	1,334	1,304	1,261	1,259	1,292
Stock food (b)	911	1,006	620	380	438	619
Breakfast food, etc. (b)(d)	46	54	68	55	43	41
Total disposals	9,737	10,944	10,225	11,459	9,838	13,597
Total availability less disposals	1,941	1,643	2,691	2,138	841	4,675
Closing stocks (b)(c)(d)	1,882	1,658	2,665	2,137	816	4,629
Apparent wastage (e)	59	-15	26	1	25	46

(a) Source: Agricultural Census; data refers to the year ended 31 March. (b) Source: Australian Wheat Board. (c) Held at ports, depots, mills and sidings. (d) Wheat and flour in terms of wheat. (e) Includes allowances for unrecorded movements in stocks, gain or loss in out-turn, etc. and in differences related to the timing of official export statistics.

II. DETAILED WHEAT STATISTICS

TABLE 3. AREA, PRODUCTION AND YIELD OF WHEAT FOR GRAIN

	Year ended 31 March					
	1974	1975	1976	1977	1978	1979
AREA (⁰⁰⁰ hectares)						
New South Wales	2,883	2,646	2,774	3,116	3,377	3,162
Victoria	1,258	1,141	1,073	1,103	1,270	1,337
Queensland	395	489	576	582	607	747
South Australia	1,432	1,220	958	839	1,090	1,295
Western Australia	2,978	2,810	3,171	3,314	3,609	3,706
Tasmania	3	2	2	2	1	1
Australian Capital Territory	—	—	—	—	—	—
Total	8,948	8,308	8,555	8,956	9,955	10,249
PRODUCTION (⁰⁰⁰ tonnes)						
New South Wales	3,962	3,809	4,310	5,141	3,846	6,640
Victoria	1,490	2,091	1,579	1,780	1,497	2,998
Queensland	526	692	830	794	569	1,962
South Australia	1,795	1,486	1,139	832	511	2,086
Western Australia	4,211	3,277	4,122	3,249	2,945	4,400
Tasmania	4	2	2	4	2	3
Australian Capital Territory	—	—	—	1	—	—
Total	11,987	11,357	11,982	11,800	9,370	18,090
YIELD (Tonnes per hectare)						
New South Wales	1.37	1.44	1.55	1.65	1.14	2.10
Victoria	1.18	1.83	1.47	1.61	1.18	2.24
Queensland	1.33	1.42	1.44	1.37	0.94	2.63
South Australia	1.25	1.22	1.19	0.99	0.47	1.61
Western Australia	1.41	1.17	1.30	0.98	0.82	1.19
Tasmania	1.39	1.49	1.05	1.98	1.23	2.10
Australian Capital Territory	1.05	1.22	1.15	1.45	1.35	2.36
Total	1.34	1.37	1.40	1.32	0.94	1.77

NOTE: The graph below demonstrates the disposals and carryover of Australian wheat in the period 1973-74 to 1978-79. Carryover data (closing stocks) and export shipments are both shown in Table 2, page 4. 'Local disposals' is a residual item determined by deducting export shipments and closing stocks from the total of opening stocks and gross receipts. In Table 2, it amounts to domestic sales plus apparent wastage.

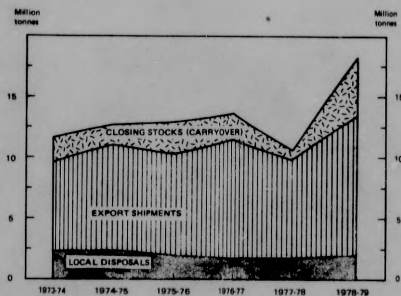
WHEAT: DISPOSALS AND CARRYOVER, AUSTRALIA 1973-74 TO 1978-79
(Year ended 30 November)

TABLE 4. AREA, PRODUCTION AND YIELD OF WHEAT FOR HAY

	Year ended 31 March					
	1974	1975	1976	1977	1978	1979
AREA (¹ 000 hectares)						
New South Wales	19	15	13	19	20	12
Victoria	8	5	6	9	11	5
Queensland	1	1	1	1	2	1
South Australia	14	10	10	11	12	11
Western Australia	23	15	17	20	23	21
Tasmania	—	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—
Total	66	47	47	59	68	50
PRODUCTION (¹ 000 tonnes)						
New South Wales	53	43	37	52	42	38
Victoria	21	15	17	22	26	16
Queensland	3	3	1	2	3	3
South Australia	46	34	30	27	20	34
Western Australia	67	41	52	56	54	57
Tasmania	1	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—
Total	191	136	138	159	146	149
YIELD (Tonnes per hectare)						
New South Wales	2.70	2.78	2.79	2.77	2.11	3.20
Victoria	2.84	2.80	3.04	2.57	2.30	3.18
Queensland	2.19	2.50	2.04	2.50	1.71	3.40
South Australia	3.22	3.44	3.08	2.53	1.72	2.99
Western Australia	2.88	2.65	3.07	2.77	2.30	2.73
Tasmania	4.42	3.96	3.10	3.35	2.23	4.57
Australian Capital Territory	—	—	—	—	—	—
Total	2.89	2.87	2.97	2.69	2.13	2.96

TABLE 5. AREA OF WHEAT FOR GREEN FEED
(¹000 hectares)

	Year ended 31 March					
	1974	1975	1976	1977	1978	1979
New South Wales	28	25	16	16	19	10
Victoria	3	4	2	4	3	3
Queensland	11	16	7	9	15	6
South Australia	2	1	2	3	10	1
Western Australia	5	5	6	6	6	2
Tasmania	1	—	—	—	—	—
Australian Capital Territory	—	—	—	—	—	—
Total	51	52	32	39	54	22

TABLE 6. GROSS VALUE OF WHEAT PRODUCED
(\$'000)

	Year ended 30 June					
	1974	1975	1976	1977	1978	1979p
WHEAT FOR GRAIN						
New South Wales	431,141	419,801	445,859	454,993	381,895	832,430
Victoria	163,103	231,953	163,243	158,495	150,202	379,556
Queensland	59,787	79,291	94,333	73,443	59,362	248,660
South Australia	196,444	163,922	118,063	73,726	50,349	263,082
Western Australia	461,049	361,211	427,507	289,761	292,213	553,879
Tasmania	373	238	168	322	130	312
Australian Capital Territory	37	27	49	47	39	44
Total	1,311,934	1,256,443	1,249,222	1,050,787	934,190	2,277,963
WHEAT FOR HAY						
New South Wales	1,275	1,257	890	1,941	1,933	1,490
Victoria	405	282	459	703	720	563
Queensland	102	50	53	61	126	121
South Australia	1,631	1,197	1,067	1,010	1,209	1,220
Western Australia	2,045	1,347	1,878	2,118	2,629	2,903
Tasmania	38	24	8	(a)	(a)	(a)
Australian Capital Territory	—	—	—	—	—	—
Total	5,496	4,157	4,355	(b)5,833	(b)6,617	(b)6,297

(a) Not available for publication. (b) Incomplete; see individual States.

TABLE 7. COMPARISON OF THE GROSS VALUE OF PRODUCTION OF WHEAT, AUSTRALIA
(\$'000)

	Year ended 30 June					
	1974	1975	1976	1977	1978	1979p
Wheat for grain	1,311,934	1,256,443	1,249,222	1,050,787	934,190	2,277,963
Total cereals for grain	1,715,047	1,701,251	1,798,162	1,583,259	1,353,694	2,926,358
Crops (including pastures and grasses)	2,858,742	3,203,767	3,247,485	3,185,209	3,037,700	4,901,872
Total agriculture	6,411,722	5,875,757	6,173,408	6,755,789	6,978,064	10,235,255

TABLE 8. WHEAT RECEIVALS BY THE AUSTRALIAN WHEAT BOARD
('000 tonnes)

State of receipt	Year ended 30 November					
	1974	1975	1976	1977	1978	1979p
New South Wales	3,544	3,462	3,907	4,619	3,309	5,910
Victoria	1,519	2,148	1,615	1,782	1,534	3,463
Queensland	474	658	798	752	532	1,931
South Australia	1,572	1,377	1,041	725	417	1,976
Western Australia	3,989	3,059	3,897	3,052	2,749	4,174
Tasmania	2	1	1	2	—	1
Total	11,200	10,705	11,258	10,932	8,542	17,456

TABLE 9. STOCKS OF WHEAT AND FLOUR AS WHEAT
(Source : Australian Wheat Board)
(⁰000 tonnes)

	Year ended 30 November					
	1974	1975	1976	1977	1978	1979
New South Wales	775.9	621.1	1,155.3	846.3	418.4	2,913.9
Victoria	340.2	486.7	565.1	535.9	134.7	521.7
Queensland	22.3	18.4	49.7	59.2	19.4	404.5
South Australia	125.7	168.5	213.4	219.2	51.8	127.9
Western Australia	612.5	354.9	671.4	465.1	177.6	652.3
Tasmania	5.4	8.1	10.4	10.8	14.5	9.0
Total	1,882.0	1,657.6	2,665.3	2,136.6	816.3	4,629.2

The production data shown for the years 1974 to 1979 in the following tables represent the production recorded in the Annual Manufacturing Census conducted for those years. In the case of 1979 the data are derived from the recorded monthly production and exclude the production of single establishment manufacturing enterprises employing less than four persons and the production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. Data derived from the Monthly Production Surveys are preliminary and subject to revision.

TAB 10. PRODUCTION OF FLOUR FROM WHEAT (a)
(⁰000 tonnes)

	Year ended 30 June					
	1974	1975	1976	1977	1978	1979p
New South Wales	520.5	528.8	538.3	512.8	490.8	482.1
Victoria	283.4	299.8	299.0	265.2	241.1	240.7
Queensland	145.5	161.0	156.6	174.6	151.3	154.8
South Australia	114.2	148.8	134.2	115.0	96.1	84.1
Western Australia	81.9	90.1	81.2	n.p.	n.p.	n.p.
Tasmania	32.2	34.9	30.7	n.p.	n.p.	n.p.
Total	1,177.8	1,263.4	1,239.9	1,183.2	1,086.9	1,076.7

(a) White flour, sharps, atta flour and wheatmeal for baking. Includes a small quantity of flour produced in other grain mills.

TABLE 11. PRODUCTION OF MANUFACTURED PRODUCTS FROM WHEAT, AUSTRALIA

	Unit	Year ended 30 June					
		1974	1975	1976	1977	1978	1979p
Flour, white (incl. sharps)	⁰ 000 tonnes	1,113	1,174	1,160	1,091	1,042	1,031
Atta flour	"	31	40	50	53	9	7
Flour, self-raising	"	43	46	37	34	59	n.y.a.
Wheatmeal for baking	"	34	33	32	39	38	39
Semolina	"	25	24	27	28	30	32
Wheatgerm	tonnes	3,232	3,156	3,303	3,241	3,595	3,660
Granulated or rolled breakfast foods	"	450	544	466	362	108	85
Sausage binder and similar meals	"	12,755	9,478	8,901	9,097	6,624	n.y.a.
Macaroni, vermicelli, spaghetti, noodles and the like	"	28,967	27,885	28,158	30,622	30,434	n.y.a.
Bran, other than for human consumption	⁰ 000 tonnes	124	137	130	115	97	94
Pollard	"	242	269	254	236	227	217
Wheatmeal, for animal and poultry feed	"	621	636	539	446	379	319

TABLE 12. WHEAT VARIETIES, AREA AND PROPORTION SOWN FOR ALL PURPOSES
YEAR ENDED 31 MARCH 1979

Variety	Hectares	Per cent	Variety	Hectares	Per cent
NEW SOUTH WALES					
Condor	797,619	25.2	Falcon	18,257	0.6
Songlen	531,231	16.8	Heron	12,097	0.4
Egret	464,774	14.7	Winglen and Wind	13,479	0.4
Timgalen	383,023	12.1	Cook	8,421	0.3
Olympic	177,728	5.6	Gamut	7,961	0.3
Eagle	171,103	5.4	Durum	5,466	0.2
Kite	168,455	5.3	Gamenya	4,836	0.2
Catcher	108,069	3.4	Jabiru	5,630	0.2
Teal	95,065	3.0	Oxley	5,762	0.2
Timson	81,115	2.6	Tarsa	7,670	0.2
Shortim	37,883	1.2	Other (a)	32,836	1.0
Halberd	27,714	0.9	Total	3,166,194	100.0
VICTORIA					
Halberd	349,690	26.0	Kalkee	8,491	0.6
Olympic	347,526	25.8	Insignia	4,977	0.4
Condor	309,070	23.0	Insignia & 49	4,035	0.3
Egret	150,240	11.2	Heron	3,853	0.3
Zenith	94,726	7.0	Emblem	2,611	0.2
Summit	27,867	2.1	Other (a)	6,363	0.5
Pinnacle	16,294	1.2			
Kewell	10,502	0.8			
Oxley	8,748	0.7	Total	1,344,993	100.0
QUEENSLAND					
Catcher	216,296	29.0	Mendos	26,866	3.6
Oxley	186,034	24.9	Spica	17,605	2.4
Songlen	74,327	10.0	Gamut	16,800	2.2
Cook	65,366	8.8	Other (a)	36,438	4.9
Kite	63,782	8.5			
Timgalen	43,442	5.8	Total	746,956	100.0
SOUTH AUSTRALIA					
Halberd	514,067	39.3	Falcon	19,500	1.5
Condor	168,794	12.9	Insignia & 49	12,303	0.9
Kite	143,340	11.0	Warimba	9,978	0.8
Festiguay	87,700	6.7	Catcher	7,985	0.6
Eagle	77,187	5.9	Glaive	4,870	0.4
Oxley	39,737	3.0	Olympic	2,583	0.2
Sabre	30,523	2.3	Timgalen	2,088	0.2
Egret	28,147	2.2	Mendos	1,647	0.1
Dirk and Dirk 48	25,074	1.9	Pinnacle	1,355	0.1
Raven	23,374	1.8	Summit	1,350	0.1
Gabo	22,677	1.7	Other (a)	40,596	3.1
Heron	22,214	1.7			
Gamenya	20,863	1.6	Total	1,307,952	100.0
WESTERN AUSTRALIA					
Gamenya	1,900,469	51.0	Bencubbin	22,280	0.6
Madden	485,595	13.0	Gabo	15,239	0.4
Halberd	299,316	8.0	Olympic	11,312	0.3
Falcon	188,903	5.1	Robin	8,888	0.2
Insignia	148,442	4.0	Glaive	6,045	0.2
Egret	142,824	3.8	Baroota Wonder	4,934	0.1
Heron	123,570	3.3	Bungalla	4,000	0.1
Gambee	74,830	2.0	Kondut	3,997	0.1
Durkan	59,812	1.6	Catcher	3,065	0.1
Insignia 49	54,176	1.5	Wongoondy	2,887	0.1
Eagle	37,868	1.0	Glueclub	2,757	0.1
Bokal	25,008	0.7	Other (a)	55,017	1.5
Kite	23,814	0.6			
Emblem	23,185	0.6	Total	3,728,233	100.0

(a) 'Not stated'.

III. EXPORTS OF WHEAT AND FLOUR

TABLE 13. EXPORTS OF WHEAT AND FLOUR, AUSTRALIA, YEAR ENDED 30 JUNE 1979
(Tonnes)

Country of consignment	Wheat, unmilled			Flour			
	In bulk	In bags	Total	White plain	Self-raising	Wholemeal	Total
Afghanistan	9,600	—	9,600	—	—	—	—
Bahrain	14,472	—	14,472	—	—	—	—
Bangladesh	52,150	—	52,150	—	—	—	—
Brunei	—	—	—	1	15	—	16
Burma, Socialist Republic of the Union of	5,000	—	5,000	3,971	—	—	3,971
China (excl. Taiwan Province)	1,437,717	—	1,437,717	—	—	—	—
Christmas Island	—	—	—	26	5	—	31
Cook Islands	—	—	—	—	—	100	100
Egypt, Arab Republic of	1,212,911	—	1,212,911	—	—	—	—
Ethiopia	10,000	—	10,000	—	—	—	—
Fiji	39,973	1	39,974	620	48	3	671
Gilbert Islands	—	—	—	14,777	182	—	14,959
Hong Kong	—	—	—	9	57	—	66
India	40,000	—	40,000	—	—	—	—
Indonesia	563,046	—	563,046	54	4	—	58
Iraq	431,511	—	431,511	—	—	—	—
Japan	968,764	1	968,765	24	—	—	24
Korea, Democratic People's Republic of	113,391	—	113,391	—	—	—	—
Kuwait	193,485	—	193,485	—	1	—	1
Lebanon	21,000	—	21,000	—	—	—	—
Malaysia	378,755	—	378,755	—	—	—	—
Maldives, Republic of	—	—	—	775	—	—	775
Mauritius	—	64	64	15,022	1,620	9	16,651
Mozambique	—	—	—	2,194	—	—	2,194
Nauru, Republic of	—	—	—	200	19	—	219
New Caledonia	204	803	1,007	19,199	320	657	20,176
New Hebrides	—	1	1	1,332	98	50	1,480
New Zealand	31,248	—	31,248	2	—	—	2
Norfolk Island	—	—	—	42	—	—	42
Oman	56,803	—	56,803	3,536	—	—	3,536
Pakistan, Islamic Republic of	239,859	—	239,859	—	—	—	—
Papua New Guinea	21,454	2	21,456	114,428	2,045	214	116,687
Philippines	—	—	—	210	—	—	210
Polynesia (French)	—	405	405	49	313	—	413
Qatar	24,248	—	24,248	—	—	—	—
Samoa (American)	—	12	12	40	2	—	42
Samoa (Western)	6	93	99	3,742	716	66	4,524
Saudi Arabia	76,572	28,828	105,400	846,730	360	—	847,090
Seychelles Republic	—	—	—	1	273	—	274
Singapore, Republic of	186,619	51	186,670	60	24	—	84
Solomon Islands	—	—	—	2,251	199	53	2,503
Sri Lanka	84,000	—	84,000	10,255	108	54	10,417
Thailand	56,976	431	57,407	301	167	18	486
Tonga	—	2	2	20,486	1,065	145	21,696
Tuvalu	—	—	—	184	—	—	184
United Arab Emirates	57,676	—	57,676	166	—	—	166
U.S.S.R.	157,331	—	157,331	—	—	—	—
Viet Nam, Socialist Republic of	120,675	—	120,675	—	—	—	—
Wallis and Futuna Islands	—	—	—	85	—	—	85
Yemen Arab Republic	80,040	—	80,040	—	—	—	—
Yemen, People's Democratic Republic of	16,663	35,827	52,490	—	—	—	—
Zambia	54,590	—	54,590	—	—	—	—
Other countries (a)	455	5	460	13	2	—	15
Total	6,757,194	66,526	6,823,720	1,060,785	7,643	1,420	1,069,848

(a) Includes particulars of shipments made 'for orders' which could not be classified to country of consignment at the time of export.

TABLE 14. COMPARISON OF WHEAT, AGRICULTURAL COMMODITIES AND TOTAL EXPORTS: AUSTRALIA
('\$'000)

	Year ended 30 June					
	1974	1975	1976	1977	1978	1979p
Wheat and meslin unmilled	517,114	1,027,947	921,492	863,456	1,013,182	794,248
Total agricultural commodities	3,457,958	3,805,157	4,191,657	5,123,028	5,032,393	5,955,551
Total exports (a)	6,914,315	8,725,774	9,639,584	11,646,412	12,248,381	14,242,747

(a) Includes re-exports.

IV. MARKETING OF WHEAT IN AUSTRALIA

Note: The following description of wheat marketing in Australia is based on information provided by the Commonwealth Government Department of Primary Industry.

Wartime marketing and wheat stabilisation plans

Details of the wartime marketing of wheat and of the wheat stabilisation plans of 1948-49 to 1952-53, 1953-54 to 1957-58, 1958-59 to 1962-63, 1963-64 to 1967-68 and 1968-69 to 1973-74 were given in previous issues of this publication.

Wheat Industry Stabilisation Plan, 1974-75 to 1978-79

The sixth post-war Wheat Industry Stabilisation Plan was enacted by Commonwealth and State legislation in the latter half of 1974. It applied to the marketing of wheat for the 1974-75 to 1978-79 harvests. This plan abandoned the concept of *guaranteed price* replacing it with a *stabilised price* related to movements of prices in the international wheat market. Details of the guaranteed price operating under former plans and the main features of the stabilisation plan were given in previous issues of this publication.

The Wheat Marketing Act 1979

3. On 29 November 1979 the Wheat Marketing Act 1979 received Royal Assent and new wheat marketing and pricing arrangements became operative for the period 1 October 1979 to 30 September 1984. The basic elements of the new arrangements were negotiated between the Australian Wheatgrowers' Federation and Commonwealth and State Governments, and necessitated the enactment of complementary Commonwealth and State legislation.

- (a) The new marketing and pricing arrangements carry forward a number of features of the previous stabilisation plan. In this respect the main features will be: the Australian Wheat Board (AWB) will be maintained as the sole statutory authority responsible for the marketing of wheat in Australia and of wheat and wheat products sold overseas; the constitution and general powers of the AWB will remain unchanged; the provisions for delivery quota arrangements will remain, purely as a contingency measure; the legislation will apply to a seven-year period, except for the pricing provisions which run for five years.

Discounted payments

- (b) The discounted payments scheme, which was introduced during the previous stabilisation plan, will also be carried forward. The scheme will enable the AWB to offer to growers a payment, appropriately discounted, some months before a scheduled payment is due to be made. The operation of this scheme, in which growers may participate at their option, will not affect the rate at which the AWB arranges for normal pool payments to be made to those growers who do not use the discount facility.

Guaranteed Minimum Delivery Price

- (c) Shortly after delivery of wheat to the Australian Wheat Board or upon wheat coming under the AWB's control, wheat growers are to receive a first payment known as the Guaranteed Minimum Delivery Price (GMDP). The GMDP is set at 95% of the average of the pool return for the two previous seasons and an estimate of the pool return for the subject season, all converted to a net basis, and is guaranteed by the Commonwealth Government with any deficiency between the net pool return and the GMDP being met by the Government. The GMDP will represent a substantial proportion of a grower's return from a pool after deductions are made for the particular State's storage and handling charges, individual grower's rail freight and for contributions to research (Wheat Tax) and to the Wheat Finance Fund (wheat levy). Movements in the GMDP from one season to the next are subject to a limit of 15%.

- (d) These arrangements will provide the industry with support designed to help it overcome any short-run down-turn in producers' returns. At the same time the basis for determining the GMDP ensures that the support will be inevitably modified with longer run adjustments in market returns whether those adjustments be for a rising or a falling market. The GMDP for 1979-80 is to be \$114.71 per tonne for Australian Standard White (ASW) Wheat.

Interim payments

- (e) The Wheat Marketing Act also provides for an interim payment to be made to growers who deliver wheat to the AWB prior to the determination of the GMDP for that season. It is the intention that the GMDP for each season be announced before 1 December each year when the bulk of the harvest commences delivery. The interim advance for the 1979-80 season is \$75 per tonne, less freight.

Financial arrangements

- (f) Traditionally the AWB has borrowed from the Rural Credits Department (RCD) of the Reserve Bank of Australia to obtain funds to make first advances to growers and to meet pool marketing expenses. Under the Reserve Bank Act, a statutory twelve months repayment period applies to RCD loans and the Commonwealth Government has customarily provided a guarantee of AWB repayments within the statutory period.

- (g) It has become necessary to develop new financing arrangements to enable the AWB to borrow to meet the changed character of the first payment arrangements. Under the new arrangements more flexible borrowing rights and obligations have been granted to the AWB. Arrangements embodied in the Act provide for the AWB to borrow from the RCD, and, subject to the approval of the Minister for Primary Industry, from the commercial market and from the Wheat Finance Fund (see below).
- (h) Should the Government require the AWB to borrow commercially within the statutory twelve months period for purposes for which RCD moneys would normally have been available, the Government will meet any borrowing costs that are additional to those that would have occurred had the borrowing been from the RCD. However, if the AWB is unable to borrow from commercial sources for paying the GMDP or to meet marketing expenses within the statutory period, it is the Commonwealth Government's intention that the RCD should provide the necessary finance.

Wheat Finance Fund

- (i) The Wheat Finance Fund established by the Wheat Marketing Act 1979 is a \$100 million revolving trust fund of growers' moneys. The \$80 million held in the present Wheat Prices Stabilisation Fund will be transferred into the Finance Fund and will be supplemented by the proceeds of a levy each season (\$2.50 per tonne) on wheat marketed under the control of the AWB. Any excess above \$100 million in the Fund will be returned to growers on a first-in-first-out basis. The Finance Fund will provide a source of funds from which the AWB will be able to borrow on a seasonal basis to clear any outstanding debt to the RCD on a season's pool at the end of the statutory twelve months period. Borrowings from the Fund will be made at a rate of interest determined by the Minister having regard to rates applying to Reserve Bank fixed deposits or Commonwealth Securities.

Domestic pricing

- (j) The arrangements for the pricing of wheat sold on the domestic market will recognise the different components of the market, namely, the use of wheat for milling into flour for human consumption and the use of wheat for stockfeed and for industrial purposes.
- (k) The 1979-80 season price for Australian Standard White (ASW) wheat for human consumption sold domestically is to be \$130.78 per tonne (Australian Standard White Wheat f.o.r. ports basis). This amount includes a \$3 per tonne component as the Tasmanian freight loading (see later). The price will be varied in subsequent years according to a formula which takes account of movements in export prices and an index of prices paid by farmers while providing, over time, a margin above export

prices. Movements in the formula price from year to year will be subject to a limit of 20%. Details of domestic consumption prices are shown in Table 15.

- (m) A loading is to be included in the price of wheat for human consumption and will be paid into the Tasmanian Freight Fund, which is used exclusively to cover the cost of shipping wheat from the mainland to Tasmania each season. This loading exists under the present plan but with the difference that the loading is placed on wheat sold domestically for all purposes. For 1979-80 the loading will be \$3 per tonne on ASW for human consumption.
- (n) The domestic consumption prices for industrial and stockfeed wheats will be set from time to time by the AWB in the light of its commercial judgement and having regard to orderly marketing considerations. (At the beginning of the marketing year (1 December 1979) the AWB set the price of industrial wheat at \$131.00 per tonne f.o.r. ports for the period through to 30 June 1980 and the price of stockfeed wheat at \$130.00 per tonne (the latter being subject to fortnightly review). Under the provisions of the Wheat Marketing Act 1979 the AWB has appointed an advisory panel to represent grower and user interests in assessing the accuracy, comprehensiveness and relevance of data that should be taken into account in determining prices for stock feed wheat. That panel will recommend price levels. A similar panel is to be appointed to advise the AWB in relation to the pricing of wheat for industrial purposes. The information received by the AWB, its assessment of this information and its subsequent pricing decisions will be subject to review by the Australian Agricultural Council.

Domestic marketing arrangements

- (o) The Australian Wheat Board will continue to exercise sole authority for the marketing of wheat domestically and for the export marketing of wheat, flour and certain wheaten products. (The AWB average monthly export prices for Australian Standard White wheat on an f.o.b. basis are shown in Table 15). However, the AWB will now be authorised to issue permits to enable wheatgrowers to deliver their wheat, subject to certain conditions, other than to an authorised receiver of the AWB. It will be authorised to issue such permits to growers:
- to deliver wheat from a property on which it is grown to another farm under the same or joint ownership for use on the latter;
 - to deliver wheat to a miller for gristing and return the produce for use on the farm on which it was grown.

- (iii) to deliver direct to a buyer subject to conditions the AWB determines as to freight allowance and premiums or discounts as to the home consumption price of ASW Wheat. The proceeds of the sale of the wheat involved are to be incorporated in the AWB pooling arrangements and the provisions for payments to growers will apply as if the wheat had been delivered to the AWB pool.
- (p) The following wheat does not come under the control of the AWB:
 - (i) seed wheat;
 - (ii) inferior quality wheat including screenings unacceptable for receipt by the AWB; and
 - (iii) wheat which is retained by a grower on a farm on which it is grown for use on that farm.

TABLE 15. WHEAT PRICES, AUSTRALIA

	1974-75	1975-76	1976-77	1977-78	1978-79	1975-80
— \$ per tonne —						
Domestic consumption price	83.40(a)	99.32(a)	105.40(a)	111.16(a)	116.61(a)	130.78(b) 131.00(c) 130.00(d)
— \$ per tonne f.o.b. —						
Monthly wheat export prices (e) —						
July	118.45	107.81	109.05	95.02	119.71	152.73
August	117.73	125.45	101.04	94.19	121.65	147.09
September	120.10	128.93	90.84	94.28	123.90	150.03
October	150.56	125.30	90.84	92.88	121.94	151.35
November	156.00	114.30	89.83	97.48	122.55	154.60
December	149.35	111.90	98.45	98.45	122.39	155.36
January	131.08	113.39	98.69	103.90	121.39	153.14
February	116.41	118.77	101.52	110.09	120.77	156.29
March	107.80	119.65	99.88	113.52	123.63	151.18
April	103.48	110.67	97.17	119.83	124.68	148.43
May	95.32	107.16	95.56	121.55	132.80	149.98
June	92.83	109.05	93.37	120.70	149.90	n.y.a.
Yearly average	121.61	116.03	97.19	105.16	125.44	n.y.a.

(a) Includes a loading per tonne to meet freight charges on wheat shipped to Tasmania: \$0.67 in 1974-75; \$1.15 in 1975-76; \$1.95 in 1976-77; \$1.68 in 1977-78; and \$1.71 in 1978-79. (b) For human consumption only; includes a loading of \$3.00 per tonne to meet freight charges on wheat shipped to Tasmania. (c) For industrial wheat from 1 December 1979 to 30 June 1980; from 1 July 1980 to 30 November 1980 — \$136.00 per tonne. (d) For stockfeed wheat at 30 November 1979; subject to fortnightly review. (e) Australian Wheat Board average bank f.o.b. price quoted for ASW bulk wheat. Much of the wheat exported is sold under contract for delivery over lengthy periods, and therefore, the prices shown do not necessarily reflect the prices received for all wheat shipped during the months shown.

Payments to farmers

4. A Guaranteed Minimum Delivery Price (GMDP) is paid to growers upon delivery of their wheat to the Australian Wheat Board or upon its coming within AWB control. As a first payment the GMDP replaces the first advance made to growers up to and including the 1978-79 season. It is expected the GMDP will be announced by the Minister for Primary Industry in November, just prior to the commencement of most harvest delivery. Payments additional to the first payment are made from each Pool after sufficient funds have accrued to the AWB from sales realisations, or are available from commercial borrowings (as distinct from borrowings for first payment purposes) to liquidate the Pool debt and leave a balance for disbursement to growers.

Discounted payments scheme

5. Since the 1974-75 season wheat growers have received payments for their wheat much more quickly than in the early seventies because the term periods of overseas credit sales have been reduced substantially. However, during the period over which growers have been required to wait for payments, the value of their equity in the various pools has been eroded by inflation.

- (a) To assist in countering these effects, the Australian Wheat Board initiated a discounted payments scheme to enable payments to growers to be made earlier than was possible using procedures which applied for past pools. The scheme began in September 1975 when growers were offered a discounted payment of \$7.23 against the 1973-74 ninth payment of \$7.50 per tonne scheduled for payment on 19 December 1975. This offer represented a discount rate of 15%. Since the initial offer, twelve subsequent pool payments have been discounted, including Stabilisation Fund refunds on the 1973-74 to 1975-76 pools. The most recent discounted pool payment was the second payment on the 1978-79 pool. On 15 April 1980 growers were offered \$9.73 against \$10.00 per tonne scheduled for payment on 15 July 1980.
- (b) Access to the discounted earlier payments is available, at the grower's option, against specified Pool payments as selected by the AWB but the operation of the scheme does not affect the rate at which the AWB arranges for normal Pool payments to be made to those growers who do not elect to use the discount facility.

TABLE 16. WHEAT POOL PAYMENTS AND TIMES OF PAYMENT, AUSTRALIA
(\$ per tonne)

		Payment							
Pool		1st (a)	2nd	3rd	4th	5th	6th	7th	8th
1974-75	(\$)	44.09	7.50	10.00	10.00	10.00	10.00	8.00	5.35
(b)	date	..	25.9.75	6.11.75	6.1.76	15.3.76	15.7.76	15.11.76	31.3.77
1975-76	(\$)	55.12	10.00	16.00	6.00	8.86			
(b)	date	..	23.11.76	15.2.77	13.5.77	13.10.77			
1976-77	(\$)	66.00	10.00	3.45					
(b)	date	..	12.1.79	28.12.79					
1977-78	(\$)	66.00	10.00						
(c)	date	..	17.7.79						
1978-79	(\$)	75.00	10.00						
(c)	date	..	15.7.80						
1979-80	(\$)	114.71							
(a)		..							

(a) The first payment is an advance payment and is made on receipt of growers' claims; it excludes individual farmers' rail freight to terminals. The date of payment is variable. In 1974-75, provision was made for a special incentive payment of \$3.67 per tonne to stimulate wheat production. This was suspended in 1975-76. (b) Payments have been finalised. (c) Further payments expected.

Wheat standards

6. From 1966-67, Australian wheat has been marketed under distinct classifications, each of which reflects the climatic and growing characteristics of its region of origin and also the particular characteristics of the varieties of wheat cultivated. This practice of segregation has been widely employed to enhance the marketability of Australian Wheat. For the 1978-79 season, nineteen separate grades of wheat were made available for export.

- (a) For each grade, samples of wheat are obtained each year and each mixed to give the representative sample of that grade. From these

samples, which are representative of all the wheat of a particular classification grown in that region, standards for each grade are established and expressed.

- (b) In Table 17 below technical information has been supplied by the Bread Research Institute of Australia (Australia Wheat Board), Sydney and published in *Wheat Australia Vol. 12, No. 2, April 1979*. Test weight is expressed in kilograms per hectolitre (kg/hl). This standard has been used as the basis for sales of each grade and varies from year to year and from State to State. There is, however, a shift to protein percentage (expressed on an 11 per cent moisture basis for wheat) to determine the basis for sales of each grade.

TABLE 17. QUALITY OF 1978-79 AUSTRALIAN WHEAT CROP
(Source: Australian Wheat Board)

Class	Grade	Test weight (kg/hl)	Protein % (11% moisture basis)
Australian Prime Hard	Queensland 13 per cent	81.7	13.4
	N.S.W. 14 per cent	79.5	14.3
	N.S.W. 13 per cent	79.5	13.3
Australian Hard	No. 1 Queensland Southern	80.7	13.2
	No. 2 Queensland Southern	77.3	13.3
	No. 1 N.S.W.	81.0	12.0
	No. 2 N.S.W. Northern	79.0	12.7
	South Australian	82.2	11.7
	Western Australian	78.5	12.4
Australian Standard White	Queensland Southern	79.6	11.6
	N.S.W. Northern	79.0	11.4
	N.S.W. Southern/Western	79.5	10.6
	Victorian	80.9	9.8
	South Australian	82.0	10.8
	Western Australian Northern	78.0	11.6
	Western Australian Southern	78.0	10.4
Australian Soft	Victorian Soft Varieties	79.5	9.2
	Western Australian	79.0	10.1
Australian Feed	N.S.W. Northern	75.5	11.7

V. INTERNATIONAL AGREEMENTS

International wheat agreements, 1949 to 1968

Full details of the five international wheat agreements covering the years 1949-53, 1953-56, 1956-59, 1959-62 and 1962-68 have been given in issues of this publication prior to 1970-71.

International Grains Arrangement, 1967

2. The International Grains Arrangement operated for three years from 1 July 1968. Details of the Arrangement were given in the 1968-69 issue of this publication.

International Wheat Agreement, 1971

3. This Agreement replaced the 1967 International Grains Arrangement and came into force on 1 July 1971. It was to expire on 30 June 1974 but pending negotiation of a new Agreement, has been extended by protocol on several occasions and is now to expire on 30 June 1981. The form of the 1967 Arrangement was continued but it did not contain pricing or other economic provisions. However, the 1971 Agreement has provided a valuable framework for continuing international consultations and co-operation on world wheat matters, including the regular monitoring of the world wheat situation. The 1971 International Wheat Agreement comprises two separate legal instruments, namely, the Wheat Trade Convention and the Food Aid Convention and the Food Aid Convention.

4. The Wheat Trade Convention ensured that the machinery for consultation and co-operation on wheat marketing existing under earlier agreements was maintained. The administrative body, the International Wheat Council, continued in existence. The Convention provided for the continuation of the full reporting and recording of all commercial and concessional transactions in wheat and flour.

5. The 1971 Wheat Trade Convention differed in an important aspect from earlier Agreements in that it contained no specific pricing provisions, but the Agreement specifically provided that when prices and related rights and obligations were judged capable of successful negotiation, the International Wheat Council would arrange a further conference with the objective of bringing them into effect. (No action has been taken under this provision). In addition, the Advisory Sub-Committee on Market Conditions kept the wheat market under continuous review. This Sub-Committee reported to the Executive Committee of the Council if it considered that a situation of market instability had arisen, or threatened to arise. The Executive Committee then reviewed the situation to try to find mutually acceptable solutions.

6. With the entry of U.S.S.R. and Brazil, which were not members of the 1967 I.G.A., all major wheat trading nations except China (excluding Taiwan Province) participated in the Wheat Trade Convention.

7. The 1971 Food Aid Convention was basically unchanged from the previous arrangement. Under this Convention a number of developed countries, importers and exporters alike, continued to provide developing countries with food aid in the form of grains or flour for human consumption (or the cash equivalent thereof). Australia's contribution remained unchanged at 225,000 tonnes annually. Since the 1971 Convention had fewer members and total annual contributions had fallen, Australia's share has risen marginally to some 5.3 per cent of total contributions. Minimum annual contributions of the nine donor members under the Convention totalled 4,226,000 tonnes in 1978-79.

8. Several minor changes were incorporated in the Food Aid Convention. A clause provided that in exceptional cases, and on request, limited quantities of rice would be included in the programme. Also sales on credit terms of 20 years or more would be eligible to be counted against aid commitments provided that maximum use was made of the other eligible forms of aid such as grants and sales for non-transferable local currency.

9. Negotiations towards a new Agreement culminated in two Conferences being held in 1978 under the auspices of the U.N. Conference on Trade and Development (UNCTAD) but no consensus was reached. A third conference commenced on 22 January 1979 having the objective of negotiating an Agreement with economic provisions (unlike the current Agreement) and designed to bring about a measure of price stability by the accumulation and co-ordinated release of internationally nationally-held reserve stocks. No agreement having been reached, this third conference was adjourned indefinitely. It was agreed to extend the current Agreement by protocol for a further two years to 30 June 1981. A special committee of the International Wheat Council has been set up to examine outstanding issues and developments which might impede the negotiation of a new international wheat agreement.

10. On 6 March 1980 the text of the Food Aid Convention 1980 was established. Subject to ratification by member Governments this Convention, as an instrument of the extended International Wheat Agreement 1971, will run from 1 July 1980 to 30 June 1981, replacing the Food Aid Convention, 1971. The eleven donors under the new Convention are committed to provide a total of about 7,600,000 tonnes annually, Australia's minimum annual commitment being increased from 225,000 to 400,000 tonnes (5.3 per cent of total commitments).

VI. WORLD WHEAT STATISTICS

NOTE. Harvests in the northern hemisphere occur in the first of the years mentioned in the column headings and, in the southern hemisphere, at the end of that year and the beginning of the next; e.g. in 1978-79 the Canadian harvest occurred from August to September 1978 and the Australian harvest from October 1978 to February 1979.

TABLE 18. ESTIMATED AREA, PRODUCTION AND YIELD OF WHEAT BY REGION
(Source for countries other than Australia: International Wheat Council)

Country and region	Area ('000 hectares)			Production ('000 tonnes)			Yield (Tonnes per hectare)		
	1976-77	1977-78	1978-79	1976-77	1977-78	1978-79	1976-77	1977-78	1978-79
Africa	9,038	8,668	8,571	10,505	7,913	9,482	1.16	0.91	1.11
Asia -									
China (excl. Taiwan Province) (b)	31,000	31,500	31,500	45,000	40,000	44,000	1.45	1.27	1.40
India	20,454	20,922	21,203	28,546	29,010	31,328	1.41	1.39	1.48
Pakistan, Islamic Rep. of	6,111	6,390	6,393	8,691	9,144	8,289	1.42	1.43	1.30
Turkey (c)	9,250	9,500	9,500	16,500	16,650	16,000	1.78	1.75	1.68
Total Asia (a)	80,011	80,683	81,377	112,984	106,854	113,323	1.41	1.32	1.39
Europe -									
EEC (a) -	11,202	10,054	11,022	39,115	38,389	47,102	3.49	3.82	4.27
France	4,274	4,108	4,164	16,125	17,349	21,057	3.77	4.22	5.06
Germany, Fed. Rep.(c)	1,613	1,599	1,610	6,702	7,235	8,118	4.11	4.53	5.01
Italy	3,544	3,786	3,487	9,107	6,218	8,764	2.57	2.23	2.51
Total Europe (a)	26,787	24,633	26,222	85,368	81,884	93,690	3.19	3.30	3.58
North and Central America -									
Canada	11,252	10,114	10,574	23,587	19,862	21,146	2.10	1.96	2.00
United States of America	28,639	26,895	23,001	58,306	55,420	48,953	2.04	2.06	2.13
Total North and Central America (a)	40,834	37,778	34,386	85,300	77,796	72,665	2.09	2.06	2.11
Oceania -									
Australia	8,956	9,955	10,249	11,800	9,370	18,090	1.32	0.94	1.77
Total Oceania (a)	9,050	10,050	10,341	12,168	9,727	18,435	1.34	0.97	1.83
South America -									
Argentina	6,428	3,910	4,700	11,000	5,300	7,800	1.71	1.36	1.66
Total South America (a)	11,428	7,974	8,395	16,270	8,700	11,720	1.42	1.09	1.40
U.S.S.R. (Europe and Asia)	59,467	62,030	62,900	96,882	92,161	120,800	1.63	1.48	1.92
World total (a)	236,615	232,016	232,192	419,477	385,035	440,115	1.77	1.66	1.90

(a) Includes estimates for countries not listed. (b) U.S. Department of Agriculture estimate. (c) Includes spelt.

TABLE 19. WHEAT (a) SUPPLIES AND DISAPPEARANCE IN FIVE MAJOR EXPORTING COUNTRIES
(Source for countries other than Australia: International Wheat Council)
(⁰⁰⁰ tonnes)

Year	Supplies			Disappearance			Closing stocks
	Opening stocks	Production	Total	Domestic disappearance (b)	Exports	Total	
ARGENTINA (DECEMBER TO NOVEMBER)							
1975-76	(c)658	8,570	9,228	5,478	3,092	8,570	(c)658
1976-77	(c)658	11,000	11,658	4,712	5,825	10,537	(c)1,121
1977-78	(c)1,121	5,300	6,421	4,544	1,677	6,221	(c)200
AUSTRALIA (DECEMBER TO NOVEMBER)							
1975-76	(c)1,658	11,982	13,640	2,742	8,233	10,975	(c)2,665
1976-77	(c)2,665	11,800	14,465	2,565	9,763	12,328	(c)2,137
1977-78	(c)2,137	9,370	11,507	2,593	8,098	10,691	(c)816
CANADA (AUGUST TO JULY)							
1975-76	8,038	17,078	25,116	4,852	12,285	17,137	7,979
1976-77	7,979	23,587	31,566	4,838	13,409	18,247	13,317
1977-78	13,319	19,861	33,180	4,789	16,004	20,793	12,387
EUROPEAN ECONOMIC COMMUNITY - EEC (AUGUST TO JULY)							
1975-76	9,181	37,964	(d)52,528	38,069	7,740	45,809	6,719
1976-77	6,719	39,115	(d)49,487	39,023	4,579	43,602	5,885
1977-78	5,885	38,389	(d)49,242	39,119	4,987	44,106	5,136
UNITED STATES OF AMERICA (JULY TO JUNE 1974-75, then JUNE TO MAY)							
1975-76	11,839	57,762	(d)69,666	19,639	31,921	51,560	18,106
1976-77	18,106	58,304	(d)76,484	20,374	25,841	46,215	30,269
1977-78	30,269	55,136	(d)85,457	22,875	30,587	53,462	31,995
TOTAL FIVE MAJOR EXPORTERS							
1975-76	31,374	133,356	(d)164,730	70,780	63,271	134,051	36,127
1976-77	36,127	143,806	(d)179,933	71,512	59,417	130,929	52,731
1977-78	52,731	128,056	(d)180,787	73,920	61,353	135,273	50,534

(a) Includes wheat equivalent of products. (b) Total supplies less exports and closing stocks. (c) Excludes stocks of new crop at 30 November. (d) Includes imports; for E.E.C. also includes trade conducted under onward processing arrangements, but excludes E.E.C. intra-trade.

TABLE 20. EXPORTS OF WHEAT AND FLOUR IN TERMS OF WHEAT BY MAJOR EXPORTING COUNTRIES
(Source : International Wheat Council)
('000 tonnes)

Year and primary destination	Exporting countries							Total
	Argentina	Australia (a)	Canada	E.E.C.	U.S.A.	U.S.S.R.	Others	
1972-73	3,510	5,562	15,648	6,525	31,992	1,303	3,738	68,278
1973-74	1,106	5,509	11,737	5,467	31,068	5,035	3,149	63,071
1974-75	2,178	8,049	11,168	7,122	28,325	4,000	2,516	63,358
1975-76	3,111	8,072	12,136	7,729	31,522	1,000	2,953	66,523
1976-77	5,584	8,357	12,904	3,912	26,395	1,400	3,242	61,795
1977-78								
Algeria	20	—	543	174	721	—	247	1,705
Bangladesh	—	147	297	241	491	—	7	1,183
Brazil	38	—	866	—	2,488	—	—	3,382
Chile	115	—	75	13	561	—	28	792
China (excl. Taiwan Province)	373	4,603	3,321	—	225	—	—	8,522
— Taiwan Province only	—	83	—	—	564	—	—	647
Colombia	—	—	—	—	570	—	—	570
Cuba	35	123	900	—	—	50	—	1,108
Czechoslovakia	—	—	—	—	—	150	312	462
Ecuador	—	—	—	—	262	—	—	262
E.E.C.	294	66	2,940	—	2,259	—	71	5,630
Egypt, Arab Republic of	—	1,246	540	754	1,902	—	195	4,637
German Democratic Republic	—	—	32	—	288	300	426	1,046
India	—	—	—	115	405	—	6	526
Indonesia	—	569	3	32	417	—	—	1,021
Iran	—	—	—	—	1,100	—	178	1,278
Iraq	—	537	245	17	532	—	350	1,681
Israel	—	—	1	11	422	—	—	434
Japan	—	1,158	1,352	—	3,180	—	—	5,690
Jordan	—	—	12	76	174	—	—	262
Korea, Democratic Peoples' Republic of	—	76	—	—	—	150	190	416
Korea, Republic of	—	21	48	—	1,717	—	—	1,786
Lebanon	—	—	114	27	117	—	100	358
Libyan Arab People's Rep.	39	—	—	152	39	—	100	330
Malaysia	—	377	3	—	59	—	—	439
Mexico	—	—	91	—	586	—	—	677
Morocco	31	—	317	3	939	—	484	1,774
Nigeria	6	—	3	147	804	—	—	960
Norway	—	—	68	—	99	—	133	300
Pakistan, Islamic Republic of	—	230	89	53	637	—	49	1,058
Peru	263	78	54	8	391	—	—	794
Philippines	—	14	1	12	769	—	2	798
Poland	—	—	702	—	775	200	793	2,470
Portugal	—	—	57	3	553	—	50	663
Romania	—	—	—	6	198	—	115	319
Saudi Arabia	—	130	—	283	363	—	—	776
Singapore, Republic of	—	219	23	—	67	—	33	342
Sri Lanka	—	116	27	408	250	—	77	878
Switzerland	10	—	130	5	184	—	42	371
Syria	—	—	352	175	—	—	36	563
Tunisia	29	—	41	27	301	—	235	633
U.S.S.R.	1,123	255	1,688	—	3,274	—	—	6,340
Venezuela	—	—	—	—	757	—	—	757
Viet Nam, Socialist Republic of	—	107	216	226	—	550	566	1,665
Yemen Arab Republic	—	250	14	84	1	—	—	349
Yugoslavia	—	—	127	—	—	—	25	152
Other countries	304	739	607	1,427	2,054	—	424	5,555
Total	2,670	11,144	15,899	4,479	31,495	1,400	5,274	72,361

(a) Australian exports data above are a combination of flour exports expressed as a wheat equivalent and wheat exports, and are therefore not comparable to exports data in Table 13.

VII. ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT AND AREA OF WHEAT FOR GRAIN

TABLE 21. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY BY AREA OF ESTABLISHMENT AND BY AREA OF WHEAT FOR GRAIN, YEARS ENDED 31 MARCH 1976-1978

	Area of wheat for grain (Hectares)															Estab- lishments with wheat for grain	Estab- lishments with no wheat for grain	Total number of estab- lishments	
	1-9	10-19	20-29	30-39	40-49	50-74	75-99	100- 149	150- 199	200- 249	250- 299	300- 399	400- 499	500- 999	1,000- 1,499	1,500 and over			
1976	2,322	2,659	3,001	2,262	3,255	4,832	4,496	6,769	4,200	3,752	1,938	2,615	1,895	2,535	535	261	47,327	171,900	219,227
1977	2,190	2,615	2,924	2,339	2,996	4,893	4,113	6,488	4,078	3,350	2,248	2,745	1,944	2,848	641	311	46,723	139,168	185,891
1978	1,842	2,253	2,715	2,165	2,959	4,921	4,024	6,848	4,319	3,943	2,159	2,907	2,195	3,159	812	448	47,669	134,456	182,125
New South Wales	423	664	896	723	1,142	1,871	1,578	2,951	1,900	1,697	864	1,112	799	975	168	75	17,838	35,028	52,866
Victoria	394	591	742	608	773	1,261	999	1,580	891	750	398	412	255	209	22	6	9,891	38,609	48,500
Queensland	453	428	334	238	320	481	378	568	351	292	145	169	120	124	32	21	4,454	30,082	34,536
South Australia	300	402	555	472	540	975	763	1,105	613	518	300	366	258	281	38	9	7,496	14,513	21,909
Western Australia	175	140	180	121	182	330	304	643	564	686	452	848	763	1,570	552	337	7,847	9,920	17,767
Tasmania	97	26	7	3	2	—	2	—	—	—	—	—	—	—	—	—	137	6,004	6,141

AUSTRALIA (a)																			
Area of establishment (Ha)	1-4	5-9	10-19	20-29	30-39	40-49	50-74	75-99	100-149	150-199	200-249	250-299	300-399	400-499	500-999	1,000-1,499	1,500 and over	Total	Total
1-4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	5,582
5-9	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	5,201
10-19	31	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	53	7,883
20-29	57	41	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	121	5,672
30-39	68	47	20	15	—	—	—	—	—	—	—	—	—	—	—	—	—	150	5,602
40-49	68	56	41	26	27	—	—	—	—	—	—	—	—	—	—	—	—	218	6,468
50-74	142	122	74	59	34	52	1	—	—	—	—	—	—	—	—	—	—	484	12,798
75-99	129	118	116	70	66	50	29	—	—	—	—	—	—	—	—	—	—	578	9,691
100-124	114	107	108	84	71	71	30	23	—	—	—	—	—	—	—	—	—	608	7,873
125-149	125	177	178	112	115	118	41	42	1	—	—	—	—	—	—	—	—	909	6,618
150-199	189	240	284	230	284	287	120	83	23	—	—	—	—	—	—	—	—	1,740	8,704
200-249	143	232	292	253	362	536	258	199	50	20	—	—	—	—	—	—	—	2,345	9,923
250-299	116	187	238	230	321	575	426	408	88	27	5	—	—	—	—	—	—	2,621	5,192
300-399	149	234	363	281	438	858	757	959	295	122	32	30	—	—	—	—	—	4,518	6,827
400-499	120	162	244	200	303	608	572	1,162	521	282	66	52	20	—	—	—	—	4,312	5,184
500-749	132	221	306	252	387	750	814	1,779	1,308	994	337	262	90	31	—	—	—	7,663	7,474
750-999	92	103	177	141	190	357	308	836	749	875	513	483	215	118	—	—	—	5,157	3,890
1,000-1,999	110	141	191	153	260	466	483	943	933	1,174	885	1,472	1,186	1,292	116	4	—	9,810	6,217
2,000-2,999	23	20	29	31	58	109	87	224	194	258	181	370	393	936	253	49	—	3,215	2,127
3,000-3,999	7	10	14	14	11	40	36	77	60	80	57	111	127	405	198	99	—	1,346	1,044
4,000-4,999	2	6	3	4	11	17	21	50	35	40	31	62	58	163	108	96	—	707	732
5,000-9,999	6	4	12	9	16	16	28	47	44	51	37	45	82	152	111	148	—	808	1,977
10,000-19,999	1	2	2	—	4	9	10	12	11	16	12	17	13	46	22	39	—	216	1,880
20,000-29,999	—	—	—	—	—	1	—	3	2	3	2	1	3	11	1	7	—	35	868
30,000-49,999	—	1	—	—	—	1	2	1	3	1	1	—	5	4	3	—	—	22	723
50,000 and over	—	—	—	—	—	—	1	2	—	2	—	2	3	1	—	6	—	15	1,306

(a) Includes the Northern Territory and the Australian Capital Territory.